

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067322.D
 Acq On : 14 Jun 2021 12:15
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:16:01 PM

Quant Time: Jun 15 04:12:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:08:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	367257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	707055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	653078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	284253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	736261	103.484	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 206.960%#			
35) Dibromofluoromethane	8.024	113	477925	103.949	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 207.900%#			
50) Toluene-d8	10.443	98	1846164	103.669	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 207.340%#			
62) 4-Bromofluorobenzene	12.733	95	775829	104.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 209.800%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	618575	130.484	ug/l	99
3) Chloromethane	2.298	50	599462	123.837	ug/l	99
4) Vinyl Chloride	2.440	62	608605	128.541	ug/l	99
5) Bromomethane	2.815	94	235268	100.227	ug/l	100
6) Chloroethane	2.990	64	343705	119.461	ug/l	96
7) Trichlorofluoromethane	3.357	101	828009	125.245	ug/l	100
8) Diethyl Ether	3.818	74	323990	123.557	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.194	101	498284	126.421	ug/l	99
10) Methyl Iodide	4.411	142	515166	116.825	ug/l	99
11) Tert butyl alcohol	5.398	59	646029	542.974	ug/l	99
12) 1,1-Dichloroethene	4.167	96	473130	123.476	ug/l	99
13) Acrolein	4.036	56	408237	552.981	ug/l	99
14) Allyl chloride	4.832	41	1043973	125.561	ug/l	99
15) Acrylonitrile	5.556	53	1480766	650.726	ug/l	99
16) Acetone	4.291	43	1348403	575.866	ug/l	98
17) Carbon Disulfide	4.519	76	1509909	120.604	ug/l	99
18) Methyl Acetate	4.856	43	695344	118.840	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	1992140	129.714	ug/l	99
20) Methylene Chloride	5.090	84	557589	112.309	ug/l	99
21) trans-1,2-Dichloroethene	5.591	96	517835	122.990	ug/l	96
22) Diisopropyl ether	6.500	45	2039117	129.602	ug/l	99
23) Vinyl Acetate	6.436	43	9193306	647.738	ug/l	100
24) 1,1-Dichloroethane	6.385	63	1090775	125.201	ug/l	99
25) 2-Butanone	7.340	43	2176648	641.373	ug/l	100
26) 2,2-Dichloropropane	7.327	77	1063771	122.516	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	612418	123.822	ug/l	99
28) Bromochloromethane	7.656	49	498741	123.918	ug/l	99
29) Tetrahydrofuran	7.689	42	1393459	644.456	ug/l	99
30) Chloroform	7.817	83	1123876	122.268	ug/l	98
31) Cyclohexane	8.094	56	995600	103.003	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	1052760	125.123	ug/l	99
36) 1,1-Dichloropropene	8.222	75	854368	125.723	ug/l	99
37) Ethyl Acetate	7.418	43	880841	127.584	ug/l	100
38) Carbon Tetrachloride	8.206	117	906735	124.260	ug/l	99
39) Methylcyclohexane	9.459	83	920822	125.414	ug/l	100
40) Benzene	8.461	78	2372512	124.839	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	467531	123.887	ug/l	99
42) 1,2-Dichloroethane	8.531	62	997763	124.717	ug/l	99
43) Isopropyl Acetate	8.566	43	1619351	124.806	ug/l	100
44) Trichloroethene	9.217	130	551506	124.147	ug/l	99
45) 1,2-Dichloropropane	9.494	63	638271	125.672	ug/l	99
46) Dibromomethane	9.579	93	435906	126.244	ug/l	99
47) Bromodichloromethane	9.764	83	948084	121.905	ug/l	98
48) Methyl methacrylate	9.563	41	743126	125.932	ug/l	99
49) 1,4-Dioxane	9.574	88	216836	2688.374	ug/l	98
51) 4-Methyl-2-Pentanone	10.336	43	4756307	640.089	ug/l	100
52) Toluene	10.507	92	1496766	125.710	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	1096089	128.180	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	1097877	127.507	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	575101	123.721	ug/l	100
56) Ethyl methacrylate	10.765	69	1053390	126.920	ug/l	100
57) 1,3-Dichloropropane	11.049	76	1051661	124.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1503595	607.979	ug/l	100
59) 2-Hexanone	11.089	43	3462887	635.257	ug/l	100
60) Dibromochloromethane	11.242	129	645946	128.371	ug/l	98
61) 1,2-Dibromoethane	11.349	107	607517	125.685	ug/l	99
64) Tetrachloroethene	10.979	164	479908	121.418	ug/l	98
65) Chlorobenzene	11.773	112	1536719	125.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	579280	127.133	ug/l	99
67) Ethyl Benzene	11.848	91	3027396	124.755	ug/l	99
68) m/p-Xylenes	11.956	106	2131925	246.122	ug/l	100
69) o-Xylene	12.283	106	1048725	124.310	ug/l	100
70) Styrene	12.296	104	1799708	127.596	ug/l	99
71) Bromoform	12.460	173	457622	130.053	ug/l #	99
73) Isopropylbenzene	12.581	105	2810420	120.765	ug/l	100
74) N-amyl acetate	12.390	43	1403736	123.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	838008	120.832	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	728276m	106.532	ug/l	
77) Bromobenzene	12.862	156	575824	121.684	ug/l	100
78) n-propylbenzene	12.924	91	3404514	122.555	ug/l	99
79) 2-Chlorotoluene	13.010	91	2083968	121.275	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	2385881	121.720	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	316036	106.497	ug/l	99
82) 4-Chlorotoluene	13.106	91	2123617	122.349	ug/l	98
83) tert-Butylbenzene	13.326	119	1894833	120.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	2355955	121.555	ug/l	99
85) sec-Butylbenzene	13.503	105	2724904	122.783	ug/l	99
86) p-Isopropyltoluene	13.618	119	2189399	122.682	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	1046475	121.309	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	1052654	121.217	ug/l	99
89) n-Butylbenzene	13.946	91	2100974	125.376	ug/l	100
90) Hexachloroethane	14.214	117	459338	128.953	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	1000568	122.633	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	204073	116.431	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	555490	129.987	ug/l	100
94) Hexachlorobutadiene	15.372	225	283644	115.002	ug/l	99
95) Naphthalene	15.507	128	1763681	132.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	527060	127.824	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

